

Title (en)

DIGITAL SIGNAL PROCESSING METHOD, LEARNING METHOD, APPARATUSES FOR THEM, AND PROGRAM STORAGE MEDIUM

Title (de)

VERFAHREN ZUR DIGITALSIGNALVERARBEITUNG, LERNVERFAHREN, GERÄTE DAFÜR UND PROGRAMMSPEICHERMEDIUM

Title (fr)

PROCEDE DE TRAITEMENT DE SIGNAUX NUMERIQUES, PROCEDE D'APPRENTISSAGE, APPAREIL ASSOCIE ET SUPPORT DE STOCKAGE DE PROGRAMMES

Publication

EP 1306831 B1 20060531 (EN)

Application

EP 01956773 A 20010731

Priority

- JP 0106595 W 20010731
- JP 2000238895 A 20000802

Abstract (en)

[origin: US2002184018A1] To propose a digital signal processing method and learning method and devices therefor, and a program storage medium which are capable of further improving the waveform reproducibility of a digital signal. Self correlation coefficients D40 and D41 are calculated respectively by cutting parts out of the digital signal D10 by multiple windows having different sizes, and the parts are classified based on the calculation results D15 of the self correlation coefficients D40 and D41 and then, the digital signal D10 is converted by the prediction method corresponding to the classified class, so that the conversion further suitable for the features of the digital signal D10 can be conducted.

IPC 8 full level

G10L 13/00 (2006.01); **G10L 19/00** (2013.01); **G10L 19/04** (2013.01); **G10L 25/06** (2013.01); **H03H 17/00** (2006.01); **H03H 17/06** (2006.01); **H03M 7/30** (2006.01); **H03M 7/32** (2006.01); **H03M 7/38** (2006.01)

CPC (source: EP US)

G10L 19/18 (2013.01 - EP US); **G10L 19/22** (2013.01 - EP US); **G10L 25/06** (2013.01 - EP US)

Designated contracting state (EPC)

DE FI FR GB SE

DOCDB simple family (publication)

US 2002184018 A1 20021205; **US 7412384 B2 20080812**; DE 60120180 D1 20060706; DE 60120180 T2 20070329; EP 1306831 A1 20030502; EP 1306831 A4 20050907; EP 1306831 B1 20060531; JP 2002049397 A 20020215; JP 4596197 B2 20101208; NO 20021092 D0 20020305; NO 20021092 L 20020305; NO 322502 B1 20061016; WO 0213182 A1 20020214

DOCDB simple family (application)

US 8943002 A 20020329; DE 60120180 T 20010731; EP 01956773 A 20010731; JP 0106595 W 20010731; JP 2000238895 A 20000802; NO 20021092 A 20020305